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CORC
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent of:

SEIJI HASHIMOTO ET AL.

Appln. No.: 09/299,874

Filed: April 27, 1999

For: ARRANGEMENT OF CIRCUITS IN
PIXELS, EACH CIRCUIT SHARED BY
A PLURALITY OF PIXELS, IN IMAGE
SENSING APPARATUS

U.S. Patent No.: 6,977,684 B1

Issued: December 20, 2005

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: Examiner: N.T. Tran

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: Art Unit: 2615

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March 29, 2006

Certificate
APR 04 2006
of Correction

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF CORRECTION
UNDER RULES 322 AND 323

Sir:

It is respectfully requested that a Certificate of Correction be issued by the
Patent and Trademark Office due to errors which appear in the printed patent as a result of
Patent and Trademark Office mistakes, and mistakes of a clerical, typographical, or minor

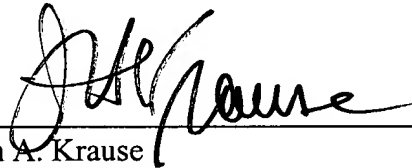
03/31/2006 JADU01 00000030 6377684
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100.00 0P
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character, which were not the fault of the Patent and Trademark Office. A Certificate of Correction form, in duplicate, is enclosed.

Accompanying this letter is a check for \$100.00 to cover the statutory fee for such Certificate of Correction.

Patentees' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "John A. Krause", written over a horizontal line.

John A. Krause
Attorney for Patentees
Registration No. 24,613

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
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PATENT NO. : US 6,977,684 B1

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INVENTOR(S) : SEIJI HASHIMOTO ET AL.

Page 1 of 4

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 2:

Line 62, "FIG. 5res" should read --Figures--.

COLUMN 4:

Line 13, "when" should read --of an--; and

Line 55, "shows" should read --show--.

COLUMN 5:

Line 14, "and a_{21} , a_{42} " should read --and a_{21} , a_{12} --.

COLUMN 6:

Line 22, "and b_{31} " should read --and b_{31} --; and

Line 33, "incidents" should read --incident--.

COLUMN 8:

Line 7, "singlecrystalline" should read --single crystalline--; and

Line 42, " $Q=CV$;" should read -- $Q=CV$ --.

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COLUMN 9:

Line 35, "provided-over" should read --provided over--; and
Line 42, "of the" should read --for--.

COLUMN 10:

Line 31, "corresponding the" should read --corresponding to the--.

COLUMN 11:

Line 26, "(C_{TSI}" should read --(C_{TSI})--; and
Line 58, "columns" should read --column--.

COLUMN 12:

Line 28, "an" should read --a--;
Line 54, "becomes" should read --become--; and
Line 67, "singlecrystalline" should read --single crystalline--.

COLUMN 13:

Line 12, "57.96 μM^2 ," should read --57.96 μm^2 --.

COLUMN 15:

Line 17, "columns" should read --column--.

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COLUMN 16:

Line 13, "symmetry" should read --symmetrical--;
Line 40, "symmetry" should read --symmetrical--; and
Line 64, "singlecrystalline" should read --single crystalline--.

COLUMN 17:

Line 5, "symmetry" should read --symmetrical--; and
Line 6, "symmetry" should read --symmetrical--.

COLUMN 20:

Line 40, "(C_{SF})" should read --(C_{TN}),--; and
Line 56, "period T₁₅₁" should read --period T₁₅,--.

COLUMN 21:

Line 2, "photodiode P₁₂" should read --photodiode q₁₂--; and
Line 12, "columns" should read --column--.

COLUMN 22:

Line 19, "period T₂₁₁" should read --period T₂₁,--;
Line 41, "period T₂₄₁" should read --period T₂₄,--; and
Line 58, "signal ϕ TX₀₀" should read --signal ϕ TX₀₀,--.

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COLUMN 21:

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Line 12, "columns" should read --column--.

COLUMN 22:

Line 19, "period T_{211} " should read --period T_{21} --;
Line 41, "period T_{241} " should read --period T_{24} --; and
Line 58, "signal ϕTX_{00} " should read --signal ϕTX_{00} --.

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